

ZIN JEDE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s)

C. Edward Baxter, Jr. et al.

Serial No.

10/757,748

Filing Date

: January 15, 2004

Title

APPARATUS FOR PREPARING POLYOLEFIN

PRODUCTS AND METHODOLOGY FOR USING

THE SAME

Group/Art Unit

Not yet determined

Examiner

Not yet determined

Confirmation No.

Not yet determined

Atty. Docket No.

506431-0034

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with 37 C.F.R. §§ 1.56 and 1.97(b), the references listed on the attached Form PTO/SB/08A (Substitute for Form 1449A-B/PTO) are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified application. Pursuant to 37 C.F.R. § 1.98(d), copies of the listed references are not submitted with this Information Disclosure Statement (IDS) in view of the fact that copies of the same have been submitted in an appropriately filed IDS submitted in parent application Serial No. 10/434,805, filed May 9, 2003, from which priority has been claimed in the present application.

Certificate of Mailing Under 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, yA 22313-1450, on:

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hie IT SWENSON

The Director is hereby authorized to charge any additional amount required, or credit any overpayment, to Deposit Account No. 19-4409.

Pursuant to 37 C.F.R. §§ 1.97(b)(1), no fee is believed to be required in connection with this IDS in view of the fact that the same is being submitted within three months of the filing date of this application.

Respectfully submitted,

James H. Marsh, Jr.

Reg. No. 24,533

STINSON MORRISON HECKER LLP

1201 Walnut Street, Suite 2800 Kansas City, MO 64106-2150 Telephone: (816) 842-8600

Facsimile: (816) 691-3495

PTO/SB/08A (08-00)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number: 10/757,748

Filing Date: January 15, 2004

First Named Inventor: C. Edward Baxter, Jr.

Group Art Unit: Not yet determined

Examiner Name: Not yet determined

Attorney Docket Number: 506431-0034

| | | U.S. Patent Document | $\overline{}$ | | | | T | Pages, Columns, Lines |
|-----------------------|--------------|----------------------|---------------|---|------|--|---|--|
| Examiner Initials* | Cite No.1 | Number (if known) | | Name of Patentee or Applicant of Cited Document | | Date of Publication of Cited Document MM-DD-YYYY | | Where Relevant Passages or Relevant Figures Appear |
| | | 132,264 | E | ames et al. | | 10-15-1872 | | |
| | | 2,139,038 | R | ussell | | 12-06-38 | | |
| | | 2,379,656 | R | uthruff | | 07-03-45 | | |
| | | 2,407,494 | Н | artvigsen | | 09-10-46 | | |
| | | 2,411,097 | K | орр | | 11-12-46 | | |
| | | 2,559,062 | D | ornte | | 07-03-51 | | |
| | | 2,559,984 | М | lontgomery et al. | | 07-10-51 | İ | |
| | | 2,727,022 | Li | insk | | 12-13-55 | | |
| | | 2,833,840 | Lo | ongwell | | 05-06-58 | | |
| | | 2,856,395 | R | ichard, Jr. et al. | | 10-14-58 | | |
| | | 2,889,370 | S | chechter | | 06-02-59 | | |
| | | 2,918,508 | С | oopersmith et al. | | 12-22-59 | | |
| | | 3,024,226 | N | olan, Jr. | | 03-06-62 | | |
| | | 3,166,546 | N | olan, Jr. | | 01-19-65 | | |
| | | 3,284,537 | W | /ebb, Jr. | | 11-08-66 | | |
| | | 3,306,907 | М | IcNinch | | 02-28-67 | | |
| | | 3,346,354 | K | autsky, et al. | | 10-10-67 | | |
| | | 3,382,291 | В | rennan | | 05-07-68 | | |
| | | 3,634,383 | М | liller, Jr. | | 01-11-72 | | |
| | | 3,726,842 | Ti | reischmann et al. | | 04-10-73 | | |
| | | 3,778,487 | D | riscoll et al. | | 12-11-73 | | |
| | | 3,780,128 | S | hubkin | | 12-18-73 | | |
| | | 3,849,085 | K | reuz, et al. | | 11-19-74 | | |
| | | 3,927,041 | С | engel et al. | | 12-16-75 | | |
| | | 3,935,249 | P | uskas et al. | | 01-27-76 | | |
| | | 3,991,129 | D | aniels | | 11-09-76 | | |
| | | 4,110,521 | В | amett et al. | | 08-29-78 | | |
| | | 4,152,499 | В | oerzel et al. | | 05-01-79 | | |
| | | 4,227,027 | В | ooth et al. | | 10-07-80 | | |
| | | 4,231,759 | U | delhofen et al. | | 11-04-80 | | |
| | | 4,238,628 | C | ahill et al. | | 12-09-80 | | |
| | | 4,242,531 | C | arter | | 12-1980 | | |
| | | 4,311,808 | S | U | | 01-19-82 | | |
| Examin Signatu | | | | | Date | e isidered | | |

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^{&#}x27;Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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| | C. bailt de 6- Fa 44404 (770 | | | | | Complete if Known | | | | |
|---|------------------------------|---------------------------------------|---------------|----------------|---------------------------------------|---|---|---|--|--|
| Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | | | Application Number: | 10/757,748 | | | |
| | | | | | RE | Filing Date: | January 15, 2004 | | | |
| | | | | | JT | First Named Inventor: | C. Edward Baxter, Jr. | | | |
| (use as many sheets as necessary) | | | | | | Group Art Unit: | | | | |
| | | | | | | Examiner Name: | | | | |
| Shee | et | 2 | of | | 3 | Attorney Docket Number: | 506431-0034 | | | |
| | | | | | U.S. | PATENT DOCUMENTS | | | | |
| Examiner nitials* | Cite No.1 | U.S. Patent Document | | | | e of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear | | | |
| | | 4,383,093 | | | Shiraki et al. | | 05-10-83 | | | |
| | | 4,391,959 | | | Fauth et al. | | 07-05-83 | | | |
| | | 4,400,493 4,429,099 | | | Abernathy, Jr. et al. Kennedy et al. | | 08-23-83 01-31-84 | | | |
| | | | | | | | | | | |
| | | 4,433,197 | | | Vogel et al. | | 02-21-84 | | | |
| | | 4,558,104 | | Bronstert et a | l. | 12-1985 | | | | |
| | | 4,605,808 | | | Samson | | 08-12-86 | | | |
| | | 4,663,406 | | | Bronstert et al. | | 05-05-87 | | | |
| | | 4,691,072 | | Schick et al. | | 09-01-87 | | | | |
| | | 4,849,572 | | | Chen et al. | | 07-18-89 | | | |
| | | 4,883,847 4,914,166 | | | Leung e tal. | | 11-28-89 | | | |
| | | | | | Kennedy et a | | 04-03-90 | | | |
| | | 4,943,616 | | | Mishra et al. | | 07-24-90 | · | | |
| | | 4,956,512 | | | Nissfolk et al. | | 09-11-90 | | | |
| | | 4,973,733 | | | Valkovich et al. | | 11-27-90 | | | |
| | | 4,982,042 Akatsu et a 5,068,490 Eaton | Akatsu et al. | | 01-01-91 | | | | | |
| | | | Eaton | | 11-26-91 | | | | | |
| İ | | Ruhe, Jr. | | 12-1992 | | | | | | |
| | | 5,191,044 | | | Rath et al. | | 03-02-93 | | | |
| | | 5,192,335 | | | Cherpeck | | 03-09-93 | | | |
| | | 5,254,649 | | | Miln et al. | | 10-19-93 | | | |
| | | 5,254,784 | | | Nurminen et a | ıl. | 10-19-83 | | | |
| | | 5,286,823 | | | Rath | | 02-15-94 | | | |
| | | 5,300,701 | | | Cherpeck | | 04-05-94 | | | |
| | | 5,408,018 | | | Rath | | 04-18-95 | | | |
| | | 5,439,991 | | İ | Colman et al. | | 08-08-95 | | | |
| | | 5,448,001 | | | Baird | | 09-05-95 | | | |
| | | 5,563,313 | | | Chung et al. | | 10-08-96 | | | |
| | | 5,710,225 | - | | Johnson et al | • | 01-20-98 | | | |
| | | 5,731,379 | | | Kennan et al. | | 03-24-98 | | | |
| | | 5,733,993 | | i | Yu et al. | - | 03-31-98 | | | |
| | | 5,767,334 | | | Nissfolk et al. | | 06-16-98 | | | |
| | - | 5,779,742 | | | Baker | | 07-14-98 | | | |
| | | 5,792,729 | | | Harrison et al | • | 08-11-98 | | | |
| | | 5,811,616 | | Holub et al. | | 09-22-98 | | | | |
| Examin Signatu | | | | | | | Date Considered | | | |

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|---|--------------|--------------------------|--------------|-----------------------|---|--|--------------------------------|--|--|
| | Sub | stitute for Form 1449A/F | DTO. | | Complete if Known | | | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | | Application Number: | 10/757,748 | | | |
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| | | | | | Examiner Name: | Not yet determined | | | |
| Sheet 3 of 3 | | | | 3 | Attorney Docket Number: | 506431-0034 | | | |
| | | | | U. S | . PATENT DOCUMENTS | | | | |
| Examiner nitials* | Cite No.1 | U.S. Patent Doo | cument | Na | me of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY Passages or Relevar | | | |
| | | 5,814,706 | | Yu et al. | | 09-29-98 | | | |
| | | 5,910,550 | | Rath | | 06-08-99 | | | |
| 5 | | 5,962,604 | | Rath | | 10-05-99 | | | |
| | | 5,977,251 | | Kao et al. | | 11-1999 | | | |
| | | 6,132,827 | | Miro | | 10-17-00 | | | |
| | | 6,361,856 | | Wakai et al. | | 03-26-02 | | | |
| | | 6,384,154 | | Sigwart et a | l | 05-07-02 | | | |
| | | 6,407,186 | | Rath et al. | | 06-2002 | | | |
| | , | 6,441,110 | | Sigwart et a | l. | 08-2002 | | | |
| | | 6,562,913 | | Baxter, Jr., e | et al. | 05-2003 | | | |

| | | | | FOREIGN | I PATENT DOCUMENTS | | | | |
|------------------------------|-----------------------|--|--------------|--------------------|--|---------|---|--|----|
| Examiner Cite Initials* No.1 | | Foreign Patent Document Kind Code ⁵ Office ³ Number ⁴ (if known) | | | Name of Patentee or Applicant of Cited Docume | nt Cite | of Publication of d Document I-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | 16 |
| | | Canada | 2,217,848 | | • | 12-1 | 9-96 | | |
| | | Canada | 2,195,575 | | | 02-0 | 8-96 | | T |
| | | Germany | DE 27 02 604 | | | 07-2 | 7-78 | | |
| | | Germany | 199 52 030 | | | 05/20 | 001 | | |
| | | EPC | 0 145 235 A1 | | | 06-1 | 9-85 | | |
| | | EPC | 0 279 456 A1 | | | 08-2 | 4-88 | | 1 |
| | | EPC | 0 322 241 A1 | | | 06-2 | 8-89 | | T |
| | | EPC | 0 355 997 A1 | | | 02-2 | 8-90 | | 1 |
| | | EPC | 0 400 905 A1 | | | 12-0 | 5-90 | | 1 |
| | | EPC | 0 481 297 A2 | | | 04-2 | 2-92 | | 1 |
| | | EPC | 0 628 022 B1 | | | 11-0 | 3-98 | | |
| | | EPC | 0 628 575 A1 | | | 12-1 | 4-94 | | 1 |
| | | EPC | 0 671 419 A1 | | | 09-1 | 3-95 | | |
| | | EPC | 0 831 141 | | | 03-2 | 5-98 | | |
| | | GB | 1,159,368 | . | | 07-2 | 3-69 | | 1 |
| | | GB | 1,592,016 | | | 07-0 | 1-81 | | T |
| | | GB | 2 181 145 | | | 04-1 | 987 | | T |
| | | PCT | WO 93/10063 | | | 05-2 | 7-93 | | 1 |
| | | PCT | WO 94/14739 | | | 04-0 | 7-94 | | 1 |
| | | PCT | WO 99/31151 | | | 06-19 | 999 | | T |
| | | PCT | WO 01/19873 | | | 03-2 | 3-2001 | | 1 |
| | Examiner Signature | | t e | Date Considered | | 1 | | | |

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